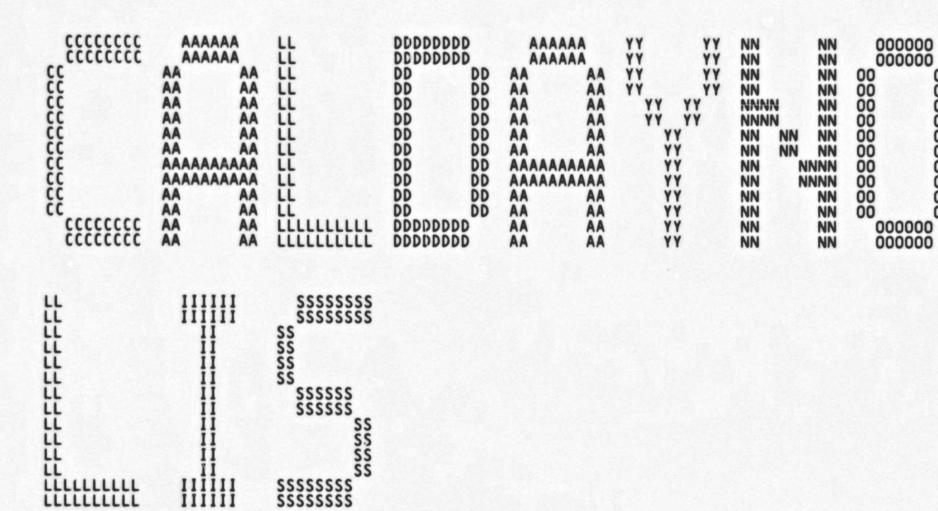
MMM MMM MMM	MMM MMM MMM		AAAA	AAAA AAAA AAAA	AAA	AAAAA AAAAA AAAAA	2222222222	PPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPPP	P
MMMMM		TTT	AAA	AAA	AAA	AAA	CCC	PPP	PPP
MMMMM		TTT	AAA	AAA	AAA	AAA	CCC	PPP	PPP
MMMMM		TTT	AAA	AAA	AAA	AAA	CCC	PPP	PPP
MMM	MMM MMM	TTT	AAA	AAA	AAA	AAA	CCC	PPP	PPP
MMM	MMM MMM	TTT	AAA	AAA	AAA	AAA	CCC	PPP	PPP
MMM	MMM MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPP	PPP
MMM	MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPPPPPPPPP	
MMM	MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPPPPPPPPP	
MMM	MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPPPPPPPPPP	
MMM	MMM	TTT	AAAAAA	AAAAAAA		AAAAAAAA	ČČČ	PPP	
MMM	MMM	TTT	AAAAAA	AAAAAAA		AAAAAAAA	ČČČ	PPP	
MMM	MMM	TTT		AAAAAAA		AAAAAAAA	ččč	PPP	
MMM	MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPP	
MMM	MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPP	
MMP	MMM	TTT	AAA	AAA	AAA	AAA	ČČČ	PPP	
MMM	MMM	TIT	AAA	AAA	AAA	AAA	CCCCCCCCCC	PPP	
MMM	MMM	ŤŤŤ	AAA	AAA	AAA	AAA	2222222222	PPP	
MMM	MMM	ttt	AAA	AAA	AAA	AAA	2222222222	PPP	

....

::::

CH



CH

VO4-000

COPYRIGHT (c) 1978, 1980, 1982, 1984 BY DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. ALL RIGHTS RESERVED.

THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY TRANSFERRED.

THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT CORPORATION.

DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL.

Facility: magnetic tape acp

Abstract:

\* \* \*

this module calculates the day number since the start date

Environment:

starlet operating system, including privileged system services and internal exec routines.

Author: Deborah H. Gillespie, Creation Date: 23-JUN-1977

Modified By:

V002 REFORMAT Ken Henderson 30-JUL-1980 8:00

the code was reformatted

Include files:

01

50

50

VO

(3)

```
777777888888888889999999999901234567
                         CALDAYNO
                                 this routine calculates the binary day number since start date
                         Calling sequence:
     caldayno(arg1,arg2)
                         Input Parameters:
                                 arg1 - address of first 64 bit date arg2 - address of second 64 bit date
                         Implicit Inputs:
                                 none
                         Output Parameters:
                                 arg1 - address of first date which receives binary day number
arg2 - address of second date which receives binary day number
                         Implicit Outputs:
                                 none
                         Routine Value:
                                 none
                         Side Effects:
  none
                                  .PSECT $CODE$, NOWRT, LONG
                 108
                      CALDAYNO::
                 109
                                                                             ; calculate binary day number
                                            ^M<R2>
D1(AP),R0
0004
                                  . WORD
                                                                               save registers
get address of first 64 bit date
                                 MOVL
                 111
                                            CALDAY
D2(AP),RO
                                 BSBB
                                                                               negate it
                                 MOVL
                                                                               get address of second 64 bit date
                                 BSBB
                                            CALDAY
                                                                               negate it
return to caller
```

RET

F 14

V

CH

```
H 14
```

CALDAYNO Symbol table AQB\_TYPE = ( CALDAY

CALDAYNO

= 00000005 0000000F R 0 00000000 RG 0 = 00000004 = 00000008 = 000000000

FCB\_TYPE = 00000008
MVL\_TYPE = 00000004
RVT\_TYPE = 00000003
VCB\_TYPE = 00000002
WCB\_TYPE = 00000001

0000001

## Psect synopsis!

Allocation PSECT No. Attributes

O0000000 ( 0.) 00 ( 0.) NOPIC USR CON ABS LCL NOSHR NOEXE NORD NOWRT NOVEC BY 00000029 ( 41.) 01 ( 1.) NOPIC USR CON REL LCL NOSHR EXE RD NOWRT NOVEC LO

## Performance indicators

Phase	Page faults	CPU Time	<b>Elapsed Time</b>
Initialization	39	00:00:00.13	00:00:00.39
Command processing	136 85	00:00:00.68	00:00:04.49
Pass 1 Symbol table sort	°õ	00:00:00.00	00:00:02.91 00:00:00.00
Pass 2 Symbol table output	41	00:00:00.59	00:00:03.20
Psect synopsis output	Ş	00:00:00.02	00:00:00.02
Cross-reference output Assembler run totals	308	00:00:00.00	00:00:00.00 00:00:11.03

The working set limit was 900 pages.
2962 bytes (6 pages) of virtual memory were used to buffer the intermediate code.
There were 10 pages of symbol table space allocated to hold 10 non-local and 0 local symbols.
342 source lines were read in Pass 1, producing 11 object records in Pass 2.
7 pages of virtual memory were used to define 6 macros.

! Macro library statistics !

Macro Library name

Macros defined

\$255\$DUA28:[SYS.OBJ]LIB.MLB;1
\$255\$DUA28:[SYSLIB]STARLET.MLB;2
TOTALS (all libraries)

000

O GETS were required to define O macros.

There were no errors, warnings or information messages.

MACRO/LIS=LISS: CALDAYNO/OBJ=OBJS: CALDAYNO MSRCS: MTADEF1/UPDATE=(ENHS: MTADEF1) +MSRCS: CALDAYNO/UPDATE=(ENHS: CALDAYNO) +EXECML\$/LIB

0253 AH-BT13A-SE

## DIGITAL EQUIPMENT CORPORATION CONFIDENTIAL AND PROPRIETARY

